Shubhankar Kabra

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Education

- **University of Illinois At Urbana-Champaign**   **Champaign, Illinois**
  B.S. Computer Science and Statistics (**GPA:** 3.38/4.00)   *August 2018 – May 2022*
  Coursework : Systems Programming, Data Structures and Algorithms, Algorithms and Models of Computation, Computer Architecture, Statistical Analysis, Statistics Programming Methods.

Work Experience

PreVeil   **Boston, MA**
Software Development Intern   *May 2021 – August 2021*
- Client and Product development team.
- Stack - **Python, TypeScript, React.JS, Redux, PostGreSQL.**

CME Group   **Champaign, IL**
Software Engineer Intern   *Jan 2020 – August 2020*
- Designed and developed a library to consume streaming data from **Google Cloud Platform** via **Java** through **Google PubSub API**; remained motivated and productive, providing a positive impact on team efficiency.
- Implemented a testing suite using **Selenium** , **Cucumber**, and **Java** with **99%+** accuracy to automate the testing of pre-existing application and reduced testing time by **90%**.
- Worked with a team in implementing a fault tolerance library using **UDP networking**, and **JUnit** tests in **Java**.

Globular Tech   **Amravati, India**
Android Developer Intern   *June 2019 – August 2019*
- Worked with a UX/UI designers to develop user-friendly interfaces for client projects using **Java**, **Android** and **Android Studio**.
- Integrated the android applications with **REST APIs** to consume data.

Open-Source

ClassTranscribe   Jan 2021 – Present
Software Developer
- Actively contributing to a video streaming platform(ClassTranscribe) which provides accessible, searchable lecture videos with captions using automated Speech-to-text and crowdsourcing techniques.
- Improved live captioning and transcription for the videos on the platform using **React.js**, **Redux.js**, **JavaScript**.

Projects

- **Donero :** Designed, created, marketed and launched a map-based app with over 500 users on the Google Play Store to help homeless people in India get leftover food from households that would throw it out using **Google Maps API**, **Android**, and **Java**.
- **OmniCalc :** Developed an android calculator for blind people that can solve polynomial and differential problems with voice commands. Used mXparser library, **Google Voice API**, **Java**, **Android**, and **Android Studio**.
- **Sudoku Solver:** Developed a Sudoku solver using **React.js**, **JavaScript**.

Skills

Languages: Python, Java, JavaScript, SQL, C++, C, HTML, HTML5, CSS, R
Software/Technologies: React.js, Node.js, Git, Flask, Redux.js, Java SpringBoot, Bootstrap, JIRA, Android Studio, Linux, Unix, Selenium, Cucumber, AWS.

Interests

Trading: Avid student of financial markets. Made MT4 bots for trading forex; trading equity options for over 2 years.
Badminton: Learning and playing badminton for over 8 years; competed in professional tournaments.